



December 17, 2009

Dear Stakeholders:

Re: Keephills 3 System and Edmonton Region 240 kV Line Upgrades Projects  
Possible System Constraints

On September 24, 2009 a number of single line diagrams (SLDs) were posted on the AESO web site to provide information regarding the integrated construction plan for the transmission system portion of the Keephills 3 Generator Interconnection Project and the Edmonton Region 240 kV Line Upgrades Project (the "Integrated Construction Plan"). The current scheduled completion date for these projects is June, 2011. This information can be viewed at <http://www.aeso.ca/transmission/8604.html>, or through the AESO web site menu at AESO / Transmission / Project Updates.

There is a possibility that constraints will exist on the transmission system during the time periods as described below. The associated outage information will be posted from time to time by the AESO using the normal AESO process, as described in the document entitled "Information on AESO Website Reports – Outages", posted on the AESO web site on September 17, 2008 at <http://www.aeso.ca/gridoperations/8945.html>, or through the AESO web site menu at AESO / Grid Operations / Outages / AESO Website Reports.

### **Prior To Completion Of The Changes Associated With The Integrated Construction Plan**

The area may experience constraints due to line outages that will be occurring during this time period to facilitate the work associated with the Integrated Construction Plan. The AESO is working closely with the Transmission Facility Owners to limit the impact to stakeholders.

### **When The Changes Associated With The Integrated Construction Plan Are Complete**

The AESO's current system studies indicate a low probability of transmission constraints when the changes associated with the Integrated Construction Plan are complete. The potential constraints will be primarily related to contingency events.

### **Last Half of 2011 and To 2014**

A number of customer interconnection projects are anticipated to be completed in the KEG area during the last half of 2011 and 2012. If these projects proceed there is an

increased probability of transmission constraints and possible generation curtailment of Keephills, Genesee and Sundance units during periods of high north to south flows. The potential for constraints in the area will be remedied through the completion of system changes associated with the Heartland Bulk Transmission System Project, West HVDC Project, and portions of the Fort McMurray Bulk System Reinforcement Project and Southern Alberta Transmission Reinforcement Project.

For further information, please contact Ron Strem at 403-539-2472.

Yours truly,



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